Weekly Metrics for August 4 - 10, 2002

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements *	Actual (GB)	Footnote
Aqua (5/02)	AIRS	L0 Ingest	GSFC	98	1X Baseline	95	
		L1 Prod	GSFC	400	1X Baseline	120	A
		Archive	GSFC	498	1X Baseline	215	A
	AMSR-E	L0 Ingest	NSIDC	10	1X Baseline	3	B
		L1 Ingest	NSIDC	10	1X Baseline	2	C
		L2-L3 Prod	NSIDC	12	0.5X Baseline	21	
		Archive	NSIDC	32	Baseline	26	
	MODIS	L0 Ingest	GSFC	469	1X Baseline	289	D
		L1 Prod	GSFC	2,498	1X Baseline	1,203	D
		L2-L4 Prod	MODAPS	801	0.5X Baseline	3,166	
		Archive	EDC	540	Baseline	554	
			GSFC	3,172	Baseline	4,049	
			NSIDC	56	Baseline	55	
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	234	
		SIPS Production				389	
METEOR 3M (12/01)	SAGE III	Archive	LaRC	0.8	1X Baseline	0.2	
Terra (12/99)	ASTER	L1A Ingest	EDC	680	1X Baseline	343	E
		L1B Ingest	EDC	271	1X Baseline	60	E
		L2-L3 Prod	EDC	1,203	3X Baseline	215	E
		Archive	EDC	2,154	Baseline	620	E
		Distribution	EDC				
		End Users		1,352	1X Baseline	5,066	G, M, N, O, P
	CERES	Archive	LaRC	331	Baseline	95	
		Distribution	LaRC				
		Testing/QA		1,421	IT Requirements	142	
		End Users		117	1X Baseline	45	G, M, N, O
	MISR	L0 Ingest	LaRC	249	1X Baseline	268	
		L1 Prod	LaRC	3,323	3X Baseline	4,846	F
		L2-L3 Prod	LaRC	281	3X Baseline	146	F
		Archive	LaRC	3,853	Baseline	4,514	F
		Distribution	LaRC				
		End Users		1,201	1X Baseline	85	G, M, N, O
	MODIS	L0 Ingest	GSFC	469	1X Baseline	554	
		L1 Prod	GSFC	7,494	3X Baseline	2,775	H
		L2-L4 Prod	MODAPS	14,254	3X Baseline	10,119	H
		Archive	EDC	8,606	Baseline (L2-L4)	3,666	H, I
			GSFC	12,772	Baseline (L0-L4)	9,625	H, I
			JPL	0	Baseline (L2-3)	103	
			NSIDC	839	Baseline (L2-L3)	158	H, I
		Distribution	EDC				
		End Users		2,869	1X Baseline	768	G, M, N, O
		Distribution	GSFC				
		Testing/QA		362	IT Requirements	529	
		SIPS Production				10,863	
		End users		4,101	1X Baseline	1,625	G, N, O
		Distribution	JPL				
		End Users		0	Baseline	1	
		Distribution	NSIDC				
		End Users		280	1X Baseline	23	G, M, N
	MOPITT	L0 Ingest	LaRC	1.9	1X Baseline	2	
		L1 Prod	SIPS	1.7	3X Baseline	0	J
		L2 Prod	SIPS	1.7	3X Baseline	0	J

Mission	Instrument	Function	Center	Value	Requirement	Value	Notes
		Archive	LaRC	5.3	Baseline	2	J
		Distribution	LaRC				
		End Users		1	1X Baseline	2	G, M, N, O
Landsat-7 (4/99)	ETM+	Archive	EDC	1,071	250 Scenes	985	
		Distribution	EDC	58	ECS ICD	211	
Jason-1 (12/01)	Poseidon 2	Archive (L0+)	JPL			2	
		Distribution	JPL	NA	NA	5	
QuikScat (6/99)	SeaWinds	Archive (L0+)	JPL			65	
		Distribution	JPL	109	Weekly Average	483	K
TOPEX (8/92)	Poseidon	Archive (L1+)	JPL			0	
		Distribution	JPL	24	Weekly Average	93	K
Other Missions	AVHRR	Archive (L2+)	JPL			59	
		Distribution	JPL	NA	NA	62	L

Notes:

A. Includes data volumes for 3 instruments (AIRS, AMSU, and HSB). Only L0 and a limited number of L1A products have been produced, as planned at this timeframe in the mission.

B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirement is in process. AMSR-E was in safe mode until 8/8, resulting in lower than normal amount of L0 data volume.

C. The L1 data was the last part (39 half-orbit granules) of the one-week's worth of L1A data sent from NASDA to the US for testing. The L1A data were from data dates 7/17 – 7/23.

D. Aqua MODIS was in safe mode until 8/7, affecting L0 ingest and L1 production.

E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at EDC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements.

F. Reprocessing activities were primarily focused on the L1 products. The reprocessed data include the L1 products for May-August 2000 and January/March 2002.

G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.

H. Little reprocessing was done except for ocean products, as planned by MODIS science team.

I. Ingest/archival of MODIS L2+ products is dependent on MODAPS reprocessing schedule.

J. According to plans, L1 and L2 data are not sent on a daily basis from the MOPITT SIPS to the DAAC.

K. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year. There is currently no media distribution for JASON and AVHRR SST products.

L. Includes distribution of educational materials in addition to AVHRR SST.

M. Does not include distribution by subscription

N. Does not include distribution by subsetting tool

O. Does not include distribution by data pool

P. Currently there is about 43 TB backlog against hard media distribution and it is expected that the backlog will decrease as ASTER charging takes effect.

* Baseline requirements refer to the September 2000 EOSDIS technical baseline (i.e., 3 X Baseline means three times the baseline). The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs).